REPORT NO. 77-3-35

FOREST INSECT AND DISEASE MANAGEMENT
U. S. FOREST SERVICE
DORAVILLE, GEORGIA

LAND OWNERSHIP OR SURVEY AREA: Bienville National Forest, Strong River Ranger District

STATE: **Mississippi**

AREA WITHIN SURVEY BOUNDARY: 90,730 acres

DATE SURVEYED: 8/3/77

PERCENT COVERAGE: 100%

AIRCRAFT: Cessna 182

CREW: R. F. Bassett
G. Harris
W. A. Carothers

SURVEY OBJECTIVES: To determine by an aerial sketchmap survey the level of southern pine beetle activity within the Strong River Ranger District.

SURVEY RESULTS

A total of 47 spots of red and fading pines were observed and sketchmapped. The number of trees per spot was estimated with the range being one tree to two hundred trees. Activity was scattered, but heaviest in the southwestern part of the District.

CONCLUSIONS

(1) Strong indication of spot expansion and increased activity within old spots.

(2) New spot formation occurring with regularity as evidenced by small groups of fading trees.

(3) Ground evaluation should be conducted.

(4) Suppression activities should be continued on the District.

For any additional information, Contact
Forest Insect and Disease Management Unit
Southeastern Area, State & Private Forestry
Northgate Office Park, Room 2103
3620 Interstate 85, N.E.
Doraville, Georgia 30340
Telephone 404-221-4796

AERIAL SKETCH MAP SURVEY OF SOUTHERN PINE BEETLE INFESTATIONS AUGUST 2-3 1977

FB 8/2-3/77 1c

4 SCATTERED 200 20,20,20

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U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
JOHN R. McGUIRE, CHIEF

BIENVILLE NATIONAL F
CHOCTAW MERIDIAN
MISSISSIPPI
1964
Scale ½" = 1 Mile

LEGEND

- National Forest Boundary
- Paved Road
- All Weather Road
- Dirt Road
- Primitive Road
- Trail
- Railroad
- Horizontal Control Station
- Horizontal Control and Permanent Lookc
- Permanent Lookout Station
- Mine, Quarry or Gravel Pit
- House, Cabin or other Building
- Church
- School
- Cemetery
- National Forest Land
- Swamp
- Interstate Highway
- U.S. Highway
- State Highway
- Forest Route
- District Ranger Station
- Forest Service Work Center
- Recreation Site
- Wildlife Management Area boundary is subject to periodic

FOREST SUPERVISOR'S OFFICE AT JACKSON, MISSISSIPPI
TOWNSHIP AND SECTION LINE CLASSIFICATION

- Surveyed, location reliable

RECREATION SITES	Picnicking	Tent Camping	Trailer Camping	Sanitary Facilities	Drinking Water
SHOCKALOE TRAIL, CAMP 1 & 2	●			●	●
BIENVILLE PINES SCENIC AREA					
MARATHON	●	●	●	●	●
SHONGELO	●	●	●	●	●